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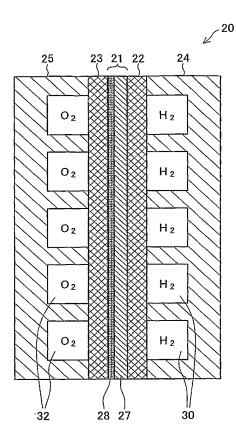
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(57) Abstract: A fuel cell is produced using a fuel cell electrolyte layer comprising a hydrogen-permeable metal layer 27 serving as the compact substrate through which the gas supplied to the electrochemical reaction passes, a porous layer formed on the hydrogen-permeable metal layer 27, and an inorganic electrolyte supported in the pores of the porous layer.

WO 2005/104276 A1

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